

Reactivity of radical cations of trimesitylphosphine

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Abstract

Anodic oxidation of trimesitylphosphine in the presence of typical nucleophilic reactants is studied by cyclic voltammetry. The results and the literature data suggest that the manifestation of radical properties is more typical for radical cations of trimesitylphosphine, because, when realizing an electrophilic path of reacting, additional energy is needed for altering the configuration of radical cations of trimesitylphosphine.

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Keywords

Radical cation, Reactivity, Trimesitylphosphine